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could

a 1st layer formed of hydrophobic woven material;
a 2nd layer formed of hydrophilic woven material situated generally parallel to and spaced from said 1st layer, with an intermediate air space defined between said 1st and 2nd layers; and

a plurality of link threads spaced apart from each other, each of said link threads, extending generally transverse of said 1st and 2nd layers and extending generally lengthwise between and connecting said 1st and 2nd layers.

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12. A three-dimensional composite textile material for protecting a body against heat comprising:

a 1st layer formed of hydrophobic woven material;
a 2nd layer formed of hydrophilic woven material situated generally parallel to and spaced from said 1st layer;

a third layer formed of hydrophilic woven material located between and spaced from both said 1st and 2nd layers; and

a plurality of link threads spaced apart from each other, each of said link threads extending generally transverse of said 1st and 3rd layers and extending generally lengthwise between and connecting said 1st and 3rd layers and supporting said 3rd layer in a position intermediate said 1st and 2nd layers, thereby defining a continuous first air space between said 2nd and 3rd layers and a discontinuous second air space interrupted by said plurality of link threads between said 1st and 3rd layers.

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18. A garment for protecting a body from adverse environmental conditions, said garment operable with air circulation means, said garment constructed from fabric comprising:

a 1st layer formed of hydrophobic woven material;
a 2nd layer formed of hydrophilic woven material situated generally parallel to and spaced from said 1st layer, with an intermediate air space defined between said 1st and 2nd layers; and

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cont'd

a plurality of link threads spaced apart from each other, each of said link threads extending generally transverse of said 1st and 2nd layers and extending generally lengthwise between and connecting said 1st and 2nd layers, said air circulation means communicating with said intermediate air space.

24. A garment for protecting a body from adverse environmental conditions, said garment operable with air circulation means, said garment constructed from fabric comprising:

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- a 1st layer formed of hydrophobic woven material;
- a 2nd layer formed of hydrophilic woven material situated generally parallel to and spaced from said 1st layer;

- a third layer formed of hydrophilic woven material located between and spaced from both said 1st and 2nd layers; and

- a plurality of link threads spaced apart from each other, each of said link threads extending generally transverse of said 1st and 3rd layers and extending generally lengthwise between and connecting said 1st and 3rd layers and supporting said 3rd layer in a position intermediate said 1st and said 2nd layers, thereby defining a continuous 1st air space between said 2nd and 3rd layer and a discontinuous 2nd air space interrupted by said plurality of link threads between said 1st and 3rd layers, said air circulation means communicating with said 1st and 2nd air spaces.

30. The system of claim 29 further comprising a collector zone located intermediate said entrance coupling and said exit coupling for collecting the flow of air circulated through the system.

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31. (New) A system for protecting a body from adverse environmental conditions, comprising a garment for encompassing a portion of a body and an air circulation means, said garment constructed from fabric comprising:

- a 1st layer formed of hydrophobic woven material;

a 2nd layer formed of hydrophilic woven material situated generally parallel to and spaced from said 1st layer;

a third layer formed of hydrophilic woven material located between and spaced from both said 1st and 2nd layers; and

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a plurality of link threads spaced apart from each other, each of said link threads extending generally transverse of said 1st and 3rd layers and extending generally lengthwise between and connecting said 1st and 3rd layers and supporting said 3rd layer in a position intermediate said 1st and said 2nd layers, thereby defining a continuous 1st air space between said 2nd and 3rd layer and a discontinuous 2nd air space interrupted by said plurality of link threads between said 1st and 3rd layers, said air circulation means communicating with said 1st and 2nd air spaces.
